

Converting Colors

Hex(05657C)

Have a look what the booklet for
Hex(05657C) contains.

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Color

Hex(05657C)

Conversions

Conversions Part 1

Format	Color
Hex	05657C
RGB	5, 101, 124
RGB Percent	2%, 40%, 49%
CMY	0.9804, 0.6039, 0.5137
CMYK	0.96, 0.19, 0.00, 0.51
HSL	192°, 92%, 25%
HSV	192°, 96%, 49%
XYZ	8.3544, 10.7949, 20.7121
YIQ	74.9180, -64.5990, -13.1990

Conversions

Conversions Part 2

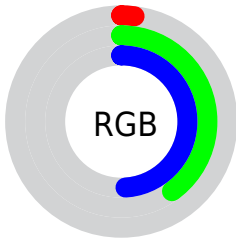
Format	Color
R _{YB}	5, 58, 124
Decimal	353660
CIE _{Lab}	39.23, -15.76, -19.79
CIE _{LCh}	39, 25.302, 231.471
Y _{xy}	10.7949, 0.2096, 0.2708
Android (android.graphics.Color)	4278543740 (0xFF05657C)
Y _{UV}	74.9180, 24.1974, -61.3181
Hunter-Lab	32.8555, -12.1090, -14.3774

Details

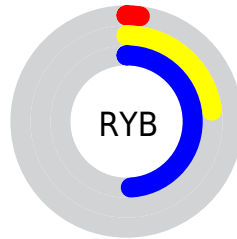
The Hex color **05657C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C1C05**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F98B1**, and **00364B** is the 20% darker color. If you saturate the color by 10%, you get **00647C**, and if you desaturate by 10%, it is **11677C**.

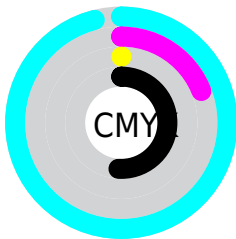
Distribution



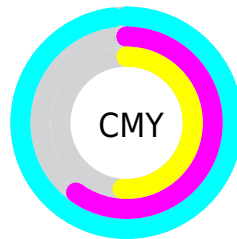
- Red (2%)
- Green (40%)
- Blue (49%)



- Red (2%)
- Yellow (23%)
- Blue (49%)



- Cyan (96%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (98%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05657C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 05657C by changing the saturation by 10% instead.

05657C

05657C

FFFFFF

004D63

4F98B1

00364B

6BB3CC

002134

87CEE8

00021F

A3EBFF

000003

C0FFFF

000000

DDFFFF

FBFFFF

05657C

05657C

■ 00647C

■ 11677C

■ 1E6A7C

■ 2A6C7C

■ 376F7C

■ 43717C

■ 4F737C

■ 5C767C

■ 68787C

■ 757B7C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00676B



05657C



336085

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



05657C



804D63



5B6035

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



05657C



7C1C05

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6F5934



05657C



844D4E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



05657C



715276



7E523D



436442

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



05657C



4B5C85



7E523D



625E33

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



05657C



7298A1



057C1B



354C52



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



05657C



0082A1



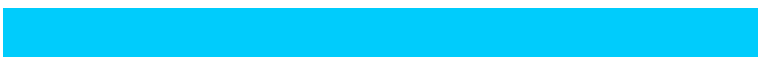
052B7C



373C3D



00657D



00CCFC

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7C0565



A10082



7C5605



3D373C



7D0065



FC00CC

Previews

White Background



This preview shows how the Hex color 05657C looks on a white background.

Color Contrast Check

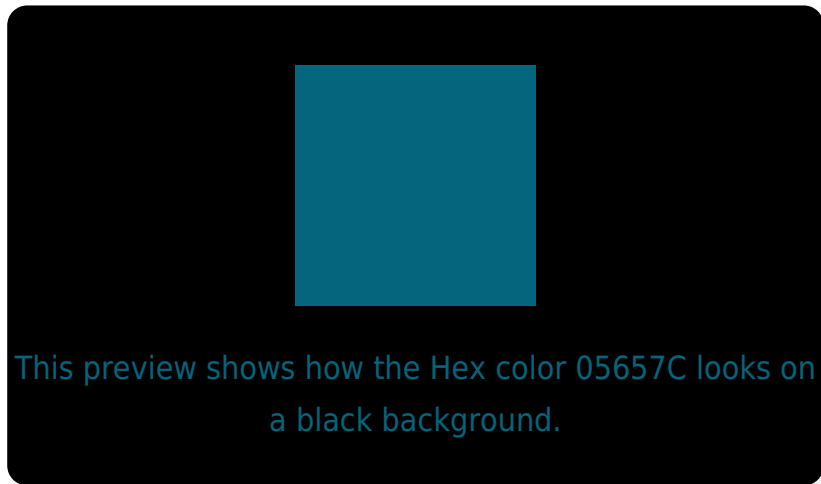
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

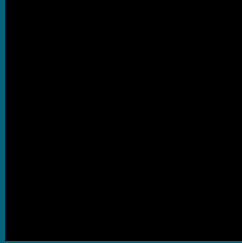
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 05657C Background



This preview shows how black text looks on a background with the Hex color 05657C.



This preview shows how white text looks on a background with the Hex color 05657C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

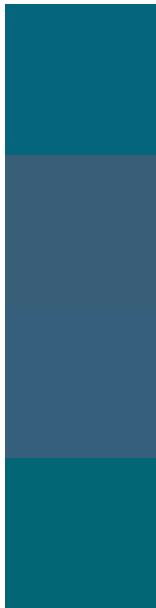
Dichromacy





Tritanopia
00676F

Trichromacy



Original Color
05657C

Protanomaly
395F78

Deuteranomaly
365F7D

Tritanomaly
026674

Monochromacy



Original Color
05657C

Achromatopsia
4B4B4B

Achromatomaly
32545D

CSS Examples

Text

The CSS property to change the color of the text to Hex 05657C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #05657C looks like.

```
.text, #text, p{  
    color:#05657C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #05657C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05657C
}
```

Border

The CSS property to change the border of an element to Hex 05657C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05657C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#05657C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #05657C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05657C; -webkit-box-shadow:4px 4px  
4px 4px #05657C; box-shadow:4px 4px 4px  
4px #05657C }
```

Background

The CSS property to change the background color of an element to Hex 05657C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05657C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#05657C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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